Index of Claims

| Application No.    | Applicant(s)    |  |
|--------------------|-----------------|--|
| 10/626,303         | HUTCHENS ET AL. |  |
| Examiner           | Art Unit        |  |
| Kartic Padmanabhan | 1641            |  |

✓ Rejected
 – (Through numeral)
 Cancelled

 ÷ Restricted

N Non-Elected
I Interference

A Appeal
O Objected

| Cla      | aim      | im Date  |  |           |              |                    |          | Cla      | Claim Date   |                 |          |          | )               | 00000<br>00000<br>00000<br>00000 |              |          | Cla      | Claim   |              | Date |       |            |                 |          |         |          |           |                 |                |           |
|----------|----------|----------|--|-----------|--------------|--------------------|----------|----------|--------------|-----------------|----------|----------|-----------------|----------------------------------|--------------|----------|----------|---------|--------------|------|-------|------------|-----------------|----------|---------|----------|-----------|-----------------|----------------|-----------|
| Final    | Original | 9/10/04  |  |           |              |                    |          |          |              |                 | Final    | Original |                 |                                  |              |          |          |         |              |      | Final | Original   |                 |          |         |          |           |                 |                |           |
|          | 1        | +        |  | $\dagger$ | +            | $\dagger$          | _        |          | T            |                 |          | 51       |                 | $\perp$                          | 十            |          |          | $\top$  | $\perp$      |      |       | 101        |                 |          |         | t        | <b>†</b>  | Ш               |                |           |
|          | 2        | +        |  |           |              |                    |          |          |              |                 |          | 52       |                 | $\perp$                          | $\perp$      |          |          |         |              |      |       | 102        |                 |          | L       | L        |           |                 |                |           |
|          | 3        | +        |  |           |              |                    |          |          |              |                 |          | 53       |                 | $\perp$                          |              |          |          | ┸       |              |      |       | 103        |                 |          | ┸       |          | $\perp$   | Ш               |                |           |
|          | 4        | +        |  |           | $\perp$      | ┙                  | _        | L        | <u> </u>     | Щ               |          | 54       | $\sqcup$        | _                                |              |          |          |         |              |      |       | 104        | Ш               |          | ┸       | _        | _         | $\sqcup$        |                |           |
|          | 5        | +        |  | 4         |              | 4                  | _        | _        | L            | Ш               |          | 55       | <b> </b>        | $\perp$                          | $\bot$       | 4        |          | 4       | <del> </del> |      |       | 105        |                 |          | 1       | ╄        | <u> </u>  | ₩               |                |           |
|          | 6_       | +        | $\sqcup$                               | 4         | 4            | 4                  |          | L        | <u> </u> _   | Щ               | L        | 56       | $\sqcup$        | +                                | ┷            |          |          | 4       |              |      |       | 106        |                 |          | _       | _        | -         | $\sqcup$        | $\blacksquare$ |           |
|          | 7        | +        | L                                      | +         | -            | 4                  |          | _        |              | Щ               |          | 57       | $\vdash$        | +                                | +            | ₩        | _        | +-      | +-           |      |       | 107        | Ш               |          | +       | -        | +         | ╁┷┼             | _              | -         |
|          | 8        | +        |  | -         | +            | +                  | $\dashv$ | _        | -            |                 |          | 58       | $\vdash$        | +                                |              | ₩        | +        | +       | +            |      |       | 108<br>109 | Н               |          | +       | +-       | +         | $\vdash\vdash$  | $\dashv$       | $\dashv$  |
|          | 9        | +        | $\vdash$                               | +         | +            | +                  | $\dashv$ | -        | ┼            | $\vdash$        | -        | 59<br>60 | $\vdash$        | +                                | +            | $\vdash$ |          | +       | +            |      |       | 110        | Н               |          | ╁       | $\vdash$ | -         | $\vdash$        | $\dashv$       | $\dashv$  |
| <u> </u> | 11       | +        | <b></b>                                |           |              | +                  | $\dashv$ | ⊢        | $\vdash$     | $\vdash$        |          | 61       | $\vdash$        | +                                | +            | +        |          | +       | +            |      |       | 111        | Н               |          | +       | +        | +-        | $\vdash$        | $\dashv$       | -         |
|          | 12       | +        | $\vdash$                               | +         | +            | +                  | $\dashv$ | -        | H            | Н               |          | 62       | $\vdash$        | +                                | +-           | +        | +        | +       | +            |      |       | 112        | H               | -        | +       | 1        | 1         | $\vdash$        | $\dashv$       |           |
|          | 13       | +        | $\vdash$                               | +         | +            | +                  | $\dashv$ | -        | $\vdash$     | Н               |          | 63       | $\vdash$        | +                                | +            | $\vdash$ | +        | +       | +-           |      |       | 113        | Н               | $\dashv$ | +       | +        | +         | H               | _              | $\vdash$  |
|          | 14       | +        | $\vdash$                               | 十         | +            | +                  | -        | -        | 1-           | $\vdash$        | <u> </u> | 64       | $\vdash$        | +                                | +            | t        | $\dashv$ | +       | +            |      |       | 114        |                 | _        | $\top$  | T        | $\dagger$ | H               | _              |           |
|          | 15       | +        | $\vdash$                               | +         | +            | $^{\dagger}$       | $\dashv$ | Г        | $\vdash$     | Н               |          | 65       | +               | +                                | +            | $\vdash$ | $\dashv$ | $\top$  | +            |      |       | 115        | П               | $\dashv$ | T       | 1        | T         | П               | $\dashv$       | $\exists$ |
|          | 16       | +        | $\vdash$                               | +         |              | +                  | $\dashv$ |          | T            |                 |          | 66       | H               | $\top$                           | +            |          | $\top$   | $\top$  | T            |      |       | 116        | М               | $\neg$   | ╁       | 1        | +         | Ħ               |                |           |
|          | 17       | +        |  | 1         | $\top$       | 1                  | ヿ        |          |              |                 |          | 67       | П               | $\top$                           | 十            |          |          |         |              |      |       | 117        |                 |          | T       |          |           | $\Box$          |                |           |
|          | 18       | +        |  | $\top$    | $\top$       | 1                  | $\neg$   |          |              |                 |          | 68       |                 | 7                                | $\top$       |          |          |         | 1            |      |       | 118        |                 |          |         |          |           | П               |                |           |
|          | 19       | +        |  |           |              | 1                  |          |          |              |                 |          | 69       |                 |                                  |              |          |          | Τ       |              |      |       | 119        |                 |          |         | Т        |           |                 |                |           |
|          | 20       | +        |  |           |              |                    |          |          |              |                 |          | 70       |                 |                                  | Τ.           |          |          |         |              |      |       | 120        |                 |          |         |          |           |                 |                |           |
|          | 21       | +        |  | T         | Τ            | T                  |          |          |              |                 |          | 71       |                 | $\Box$                           | $\perp$      |          |          |         |              |      |       | 121        |                 |          |         |          |           |                 |                |           |
|          | 22       | +        |  |           |              | $\Box$             |          |          |              |                 |          | 72       |                 |                                  | 丄            |          |          |         |              |      |       | 122        |                 |          |         |          |           | Ш               |                |           |
|          | 23       | +        |  | ┙         |              |                    |          |          |              | Ш               | L        | 73       | $\sqcup \bot$   | $\perp$                          | $\perp$      | $\perp$  |          |         |              |      |       | 123        |                 |          | 1       | <u> </u> | <u> </u>  | $\sqcup$        |                |           |
|          | 24       | +        | Щ                                      | $\perp$   | $\perp$      | ┵                  |          | L_       | ļ.,          | Щ               |          | 74       | $\sqcup$        | $\perp$                          |              | $\perp$  |          | _       | ↓_           |      |       | 124        |                 | $\perp$  | _       | ot       |           | $\sqcup$        |                | ᅵ         |
|          | 25       | +        | L.                                     | _         |              | 4                  | _        |          | $oxed{oxed}$ |                 |          | 75       | $\sqcup$        | 4                                | $\bot$       | 4        |          | 4       | _            |      |       | 125        |                 |          | _       | 1        | _         | $\vdash$        |                |           |
|          | 26       | +        |  | $\perp$   | $\bot$       | 4                  | 4        | _        | ļ            | Ш               |          | 76       | $\vdash$        | +                                | +            | $\perp$  | $\perp$  |         |              |      |       | 126        |                 |          | ╁       | ↓_       | ↓_        | $\sqcup$        | $\dashv$       |           |
| ļ        | 27       | +        | $\vdash$                               | 4         | _            | 4                  |          | <u> </u> | <u> </u>     | Ш               |          | 77       | $\vdash$        | +                                |              |          | +        | +       | +            |      |       | 127        |                 |          | ┼       |          |           | $\vdash$        | _              |           |
|          | 28       | +        | $\vdash$                               | +         | +            | 4                  |          | <u> </u> | $\vdash$     | $\vdash$        |          | 78       | $\vdash$        | +                                | +            | 1        | _        | +       |              |      |       | 128        |                 |          | +-      | +-       | +         | ₽₽              | -              | $\dashv$  |
| ļ        | 29       | +        | $\vdash$                               | +         | +-           | +                  | -        | -        | $\vdash$     | $\vdash$        |          | 79<br>80 |                 | +                                |              | ₩        | $\dashv$ |         | +-           |      |       | 129<br>130 |                 |          | +       | -        | +         | ₩               | $\dashv$       |           |
|          | 30       | +        | $\vdash$                               | +         | +            | +                  |          |          | ┢            | -               |          | 81       | $\vdash$        | +                                | +            | +        |          | +       |              |      |       | 131        | Н               |          | +       | ╁╌       | +-        | ╂╾╂             | -              |           |
|          | 32       | F        | $\vdash$                               | +         | +            | +                  |          |          | $\vdash$     | Н               | ļ        | 82       |                 | +                                | +            | $\vdash$ | -+       | +       | +            |      |       | 132        | Н               | $\dashv$ | ╁       | +-       | +         | $\vdash$        | $\dashv$       | $\dashv$  |
| <b>-</b> | 33       | -        | -                                      | +         |              | +                  |          |          | $\vdash$     | Н               | <b></b>  | 83       | $\vdash$        | +                                |              | ╁        |          | +       | +            |      |       | 133        | Н               | $\dashv$ | +       | +        | ╁         | $\vdash$        | $\dashv$       | =         |
|          | 34       | $\vdash$ | $\vdash$                               | +         | +            | +                  |          |          | $\vdash$     | $\vdash \vdash$ |          | 84       |                 | +                                | +-           | T        | $\neg +$ | +       | +            |      |       | 134        | H               | _        | T       | ╁        | +         | H               | $\dashv$       | $\dashv$  |
|          | 35       |          | $\vdash$                               | $\top$    | $\top$       | +                  | 1        |          |              | $\Box$          |          | 85       | $\vdash$        | $\top$                           | $\top$       | П        | $\neg$   | $\top$  | $\top$       |      |       | 135        | П               | $\top$   |         | T        | 1         | $\Box$          | $\neg$         | Н         |
|          | 36       |          |  | $\top$    | 1            | $\top$             | 7        |          | 1            | $\Box$          |          | 86       | $\Box$          | $\top$                           | $\top$       | П        | $\top$   | T       | Τ            |      |       | 136        | П               | $\neg$   | $\top$  | Τ        | T         | П               | $\neg$         |           |
|          | 37       |          |  | $\top$    |              | T                  |          |          |              |                 |          | 87       |                 |                                  | $\perp$      |          |          |         | Ι            |      |       | 137        |                 |          | 1       |          | $\Gamma$  |                 |                |           |
|          | 38       |          |  | J.        |              |                    |          |          |              |                 |          | 88       |                 | ፗ                                | $\mathbf{I}$ |          |          | 1       |              |      |       | 138        |                 |          | $\prod$ |          |           |                 |                |           |
|          | 39       |          |  | $\perp$   | $oxed{\Box}$ | Ι                  |          |          |              |                 |          | 89       |                 |                                  |              |          |          |         |              |      |       | 139        |                 |          | Ι       |          |           |                 |                |           |
|          | 40       |          | oxdot                                  | $\perp$   | $\prod$      | $oldsymbol{\perp}$ |          | L        | $\Box$       |                 |          | 90       | $\Box$          | $\perp$                          | $\perp$      | $\Box$   |          | L       | ļ            |      |       | 140        |                 |          | Ī       | L        | L         | П               |                |           |
|          | 41       |          |  | $\perp$   | $\perp$      | $\perp$            | [        |          |              |                 |          | 91       |                 | $\perp$                          |              | Ш        | $\perp$  | 4       | 1            |      |       | 141        | Ш               | _        | _       | L        | $\perp$   | Ц               |                |           |
|          | 42       | L        | Ш                                      |           |              | 4                  | _        | L        | Ш            |                 |          | 92       | $\sqcup$        | $\bot$                           | $\perp$      | $\sqcup$ | $\perp$  | $\perp$ | 4            |      |       | 142        | Щ               |          | $\perp$ | 1        | _         | Ц               |                | Ш         |
|          | 43       | L.,      | $\perp$                                | $\perp$   | $\bot$       | $\downarrow$       | _        | _        | <b>—</b>     | Щ               |          | 93       | $\sqcup$        | $\bot$                           | +-           | $\sqcup$ | _        | $\bot$  | $\perp$      |      |       | 143        | $\vdash \dashv$ |          | -       | $\perp$  | <u> </u>  | $\sqcup$        |                |           |
|          | 44       |          | +                                      | +         | +            | $\downarrow$       | _        |          | <b>—</b>     |                 | ļ        | 94       |                 | +                                | +-           | $\vdash$ | +        | +       | +            |      |       | 144        | $\vdash$        |          | +       | ┼        | -         | $\vdash \vdash$ |                |           |
| <u> </u> | 45       |          |  | -         |              | +                  |          |          | -            |                 | $\vdash$ | 95<br>96 | $\vdash$        | +                                |              | $\vdash$ |          | +-      | —            |      |       | 145<br>146 | $\vdash$        |          | +-      | ┼        | $\vdash$  | $\vdash \vdash$ |                |           |
| <u> </u> | 46<br>47 | Н        |  |           | +            | +                  |          |          | -            | $\vdash$        | $\vdash$ | 96       | $\vdash$        | +                                | +            | ╀┤       | +        | +       | +-           |      |       | 147        | $\vdash$        |          | +       | ⊢        | $\vdash$  | $\vdash \vdash$ | $\dashv$       | $\vdash$  |
| $\vdash$ | 48       |          |  | +         | +            | +                  | $\dashv$ |          | <u> </u>     | $\dashv$        | <u> </u> | 98       | $\vdash$        | +                                | +            | ₩        | $\dashv$ | +       | +            |      |       | 148        |                 | $\dashv$ | +       | +        | ┼         | $\vdash$        |                |           |
| $\vdash$ | 49       | Н        | +                                      | +         | +            | +                  | $\dashv$ |          | -            | $\dashv$        |          | 99       | $\vdash$        | +                                | +            | +        | $\dashv$ | +       | +            |      |       | 149        | $\vdash$        | +        | +       | +        | +         | $\vdash$        | $\dashv$       | -         |
| <u> </u> | 50       | $\vdash$ | +                                      | +         | +            | +                  | $\dashv$ |          | H            | $\dashv$        | $\vdash$ | 100      | $\vdash \vdash$ | +                                | +            | +        | $\dashv$ | +       | +            |      |       | 150        | $\vdash$        | +        | +-      | ╁╴       | ╁╌        | $\vdash \vdash$ | $\dashv$       | _         |
|          |          | لـــا    | ــــــــــــــــــــــــــــــــــــــ |           |              |                    |          |          |              | Щ.              |          |          |                 |                                  |              |          |          | ᅩ       |              |      |       | .50        |                 | <u> </u> | _       |          |           | ┵               |                |           |